

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 06279724
PUBLICATION DATE : 04-10-94

APPLICATION DATE : 04-03-93
APPLICATION NUMBER : 05085074

APPLICANT : MORI SADAYOSHI;

INVENTOR : MORI SHIRO;

INT.CL. : C09D 11/16

TITLE : WATER-BASE PIGMENT INK FOR USE ON WHITE BOARD

ABSTRACT : PURPOSE: To obtain the ink which is produced without using any organic solvent and can be readily and completely wiped off with, e.g. a dry cloth or paper by compounding a specified release agent with a coloring agent, a binder and water.

CONSTITUTION: To produce the ink containing a coloring agent, a binder, a release agent and water as the essential constituents, wherein the release agent comprises a water-soluble high-molecular polyoxyalkylene glycol compound prepared by polymerizing propylene oxide or ethylene oxide and having a viscosity of at most 150cp at 25°C. This ink provides a clear writing on a white base material made of, e.g. ceramic or plastic and having a nonabsorbent smooth surface and, after drying, can be readily and completely wiped off with, e.g. a dried cloth, paper or felt. Since it is a water-base ink produced without using any organic solvent, it has a very wide industrial applicability from in view of, e.g. the preservation of environment and health control.

COPYRIGHT: (C)1994,JPO